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// Attached: HW\_5b

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// Program: HW\_5b.ccp

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// Programmer: Milo Fisher

// Class: CS 1B

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#include<iostream>

using namespace std;

const int LENGTH = 10;

void showEvens(int values[LENGTH], int, int);

int main()

{

int values[LENGTH] = {2,5,7,8,11,14,17,18,22,23};

int count = 0;

int index = LENGTH;

showEvens(values,count,index);

return 0;

}

void showEvens(int values[LENGTH], int count, int index)

{

if(values[--index] % 2 == 0)

count++;

if(index == 0)

cout << "Here are the " << count << " even numbers:\n";

if(index > 0)

showEvens(values,count,index);

if(values[index] % 2 == 0)

cout << values[index] << " ";

}

// ============== OUTPUT ================

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Here are the 5 even numbers:

2 8 14 18 22

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